

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore
RELEASE 1.8Welcome
United States Patent and Trademark Office[Help](#) [FAQ](#) [Terms](#) [IEEE Peer](#) [Quick Links](#) [Review](#)

» Search

Welcome to IEEE Xplore

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search


- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

 Print FormatYour search matched **58** of **1074479** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.

Refine This Search:

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set

Results Key:

JNL = Journal or Magazine **CNF** = Conference **STD** = Standard46 **Circuit simulation of resonant tunneling devices using NDR-SPICE***Mohan, S.; Mazumder, P.; Haddad, G.I.;*Electron Devices Meeting, 1994. Technical Digest., International , 11-14 Dec.
Pages:229 - 232[\[Abstract\]](#) [\[PDF Full-Text \(260 KB\)\]](#) **IEEE CNF**47 **Experimental realization of the bound state resonant tunneling transistor***Chen, W.L.; Haddad, G.I.; Munns, G.O.; East, J.R.;*Device Research Conference, 1993. 51st Annual , June 21-23, 1993
Pages:126 - 127[\[Abstract\]](#) [\[PDF Full-Text \(232 KB\)\]](#) **IEEE CNF**48 **An Analytical Model to Simulate Electrical Characteristics of Resonant Tunneling Transistor Lasers**

Sarnoff Symposium, 1993 IEEE Princeton Section , March 26, 1993

Pages:0_173 - R. LaComb, F. Jain

[\[Abstract\]](#) [\[PDF Full-Text \(304 KB\)\]](#) **IEEE CNF**49 **Novel metal/2-DEG junction transistors***Peatman, W.C.B.; Park, H.; Gelmont, B.; Shur, M.; Maki, P.; Brown, E.R.; Roc M.J.;*

High Speed Semiconductor Devices and Circuits, 1993. Proceedings., IEEE/Conference on Advanced Concepts in , 2-4 Aug. 1993

Pages:314 - 319

[\[Abstract\]](#) [\[PDF Full-Text \(540 KB\)\]](#) **IEEE CNF**

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	191	(resonant adj tunneling adj diode) and @ad<19990422	USPAT; US-PGP UB; EPO; JPO; IBM_TD B	2004/09/21 08:14

	Type	L #	Hits	Search Text	DBs	Time Stamp
1	BRS	L1	157	lumo and homo and @ad<19990422	USPAT; US-PGP UB; EPO; JPO; IBM_TD B	2004/09/21 09:31
2	BRS	L2	54	1 and (conduction adj band)	USPAT; US-PGP UB; EPO; JPO; IBM_TD B	2004/09/21 09:31

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE

Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore
RELEASE 1.2Welcome
United States Patent and Trademark OfficeHelp [FAQ](#) [Terms](#) [IEEE Peer](#) [Quick Links](#) 
Review

» Search

Welcome to IEEE Xplore

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards


Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced

Member Services

- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

- ☐ Access the IEEE Enterprise File Cabinet

 Print FormatYour search matched **7** of **1074479** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or enter a new one in the text box.

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 Magnetoresistance modulation in single-electron transistors***Jalil, M.B.A.;*Magnetics, IEEE Transactions on , Volume: 39 , Issue: 5 , Sept. 2003
Pages:2818 - 2820[\[Abstract\]](#) [\[PDF Full-Text \(320 KB\)\]](#) **IEEE JNL****2 Size dependence of the characteristics of Si single-electron transistor SIMOX substrates***Takahashi, Y.; Namatsu, H.; Kurihara, K.; Iwadate, K.; Nagase, M.; Murase, K.*
Electron Devices, IEEE Transactions on , Volume: 43 , Issue: 8 , Aug. 1996
Pages:1213 - 1217[\[Abstract\]](#) [\[PDF Full-Text \(584 KB\)\]](#) **IEEE JNL****3 Single-electron turnstile using Si-wire charge-coupled devices***Fujiwara, A.; Zimmerman, N.M.; Ono, Y.; Takahashi, Y.;*Semiconductor Device Research Symposium, 2003 International , 10-12 Dec.
Pages:485 - 486[\[Abstract\]](#) [\[PDF Full-Text \(197 KB\)\]](#) **IEEE CNF****4 Coulomb blockade systems fabricated by atomic force microscopy***Quoc Thai Do; Clemens, H.; Lorke, A.;*Nanotechnology, 2003. IEEE-NANO 2003. 2003 Third IEEE Conference on , Vol. 2 , 12-14 Aug. 2003
Pages:774 - 777 vol. 2[\[Abstract\]](#) [\[PDF Full-Text \(467 KB\)\]](#) **IEEE CNF****5 Superconducting tunnel junction structures designed for qubit**

?show files

File 2:INSPEC 1969-2004/Sep W2
(c) 2004 Institution of Electrical Engineers
File 3:INSPEC 1969-1982
(c) 1993 Institution of Electrical Engineers
File 4:INSPEC 1983-2004/Sep W2
(c) 2004 Institution of Electrical Engineers

?ds

Set	Items	Description
S1	60	RESONANT TUNNELING TRANSISTOR
S2	29	RD (unique items)
S3	26	S2 NOT PY=>2000
S4	26	RD (unique items)
?		